

What is claimed is:

1. In a magnet compound material containing magnetic powder and fine, thermoplastic resin grains as major components, at least one of a pigment and a charge control agent is additionally contained.

2. The material as claimed in claim 1, wherein the thermoplastic resin grains have a softening point of 90°C or below.

3. The material as claimed in claim 2, wherein the thermoplastic resin grains comprise spherical grains produced by polymerization.

4. The material as claimed in claim 2, wherein a mixture of the thermoplastic resin grains and at least one of the pigment and the charge control agent comprises a kneaded compound of spherical grains.

5. The material as claimed in claim 2, wherein a fluidity imparting agent, comprising fine grains having surfaces subjected to hydrophobic processing, is additionally contained.

6. The material as claimed in claim 5, wherein a ratio of the fluidity imparting agent to the entire material is between 0.3 wt.% and 0.8 wt.%.

7. The material as claimed in claim 2, wherein a content of components other than the magnetic powder is between 3 wt.% and 10 wt.%.

8. The material as claimed in claim 2, wherein a mean grain size of the thermoplastic resin grains is one-length of a mean grain size of the magnetic powder or less.

9. The material as claimed in claim 1, wherein the thermoplastic resin grains comprise spherical grains produced by polymerization.

10. The material as claimed in claim 9, wherein a fluidity imparting agent, comprising fine grains having surfaces subjected to hydrophobic processing, is additionally contained.

11. The material as claimed in claim 10, wherein a ratio of the fluidity imparting agent to the entire material is between 0.3 wt.% and 0.8 wt.%.

12. The material as claimed in claim 9, wherein a content of components other than the magnetic powder is between 3 wt.% and 10 wt.%.

13. The material as claimed in claim 9, wherein a mean grain size of the thermoplastic resin grains is one-length of a mean grain size of the magnetic powder or less.

14. The material as claimed in claim 1, wherein a mixture of the thermoplastic resin grains and at least one of the pigment and the charge control agent comprises a kneaded compound of spherical grains.

15. The material as claimed in claim 14, wherein a

fluidity imparting agent, comprising fine grains having surfaces subjected to hydrophobic processing, is additionally contained.

16. The material as claimed in claim 15, wherein a ratio of the fluidity imparting agent to the entire material is between 0.3 wt.% and 0.8 wt.%.

17. The material as claimed in claim 14, wherein a content of components other than the magnetic powder is between 3 wt.% and 10 wt.%.

18. The material as claimed in claim 14, wherein a mean grain size of the thermoplastic resin grains is one-length of a mean grain size of the magnetic powder or less.

19. The material as claimed in claim 1, wherein a fluidity imparting agent, comprising fine grains having surfaces subjected to hydrophobic processing, is additionally contained.

20. The material as claimed in claim 19, wherein a ratio of the fluidity imparting agent to the entire material is between 0.3 wt.% and 0.8 wt.%.

21. The material as claimed in claim 19, wherein a content of components other than the magnetic powder is between 3 wt.% and 10 wt.%.

22. The material as claimed in claim 1, wherein a content of components other than the magnetic powder is

between 3 wt.% and 10 wt.%.

23. The material as claimed in claim 1, wherein a mean grain size of the thermoplastic resin grains is one-length of a mean grain size of the magnetic powder or less.

24. In a magnetic molding produced by compression-molding a magnet compound material in a magnetic field, said magnet compound material contains, in addition to magnetic powder and fine, thermoplastic resin grains that are major components, at least one of a pigment and a charge control agent.

25. In a method of producing a magnet molding by compression-molding a magnet compound material in a magnetic field while heating said magnet compound material at a temperature equal to or lower than a softening point of a thermoplastic resin, said magnet compound material contains, in addition to magnetic powder and fine, thermoplastic resin grains that are major components, at least one of a pigment and a charge control agent.

26. The method as claimed in claim 25, wherein the magnetic field is applied in a direction perpendicular to a direction of pressing.

27. In a magnet roller for development comprising a roller, which comprises a plastic magnet containing magnetic powder dispersed in a high-molecular compound and

is formed with at least one recess for receiving another member at a position corresponding to a given magnetic pole, and a magnet molding received in said recess and having a stronger magnetic force than said plastic magnet, said magnet molding is produced by compression-molding a magnet compound material in a magnetic field while heating said magnet compound material at a temperature equal to or lower than a softening point of a thermoplastic resin, and said magnet compound material contains, in addition to magnetic powder and fine, thermoplastic resin grains that are major components, at least one of a pigment and a charge control agent.

28. The roller as claimed in claim 27, wherein the magnet molding is magnetically anisotropic and has a $(BH)_{\max}$ value of 13 mGOe or above.

29. In a developing device comprising a magnet roller, said magnet roller comprises a roller, which comprises a plastic magnet containing magnetic powder dispersed in a high-molecular compound and is formed with at least one recess for receiving another member at a position corresponding to a given magnetic pole, and a magnet molding received in said recess and having a stronger magnetic force than said plastic magnet, said magnet molding is produced by compression-molding a magnet compound material in a magnetic field while heating said

magnet compound material at a temperature equal to or lower than a softening point of a thermoplastic resin, and said magnet compound material contains, in addition to magnetic powder and fine, thermoplastic resin grains that are major components, at least one of a pigment and a charge control agent.

30. In a process cartridge comprising a magnet roller for development, said magnet roller comprises a roller, which comprises a plastic magnet containing magnetic powder dispersed in a high-molecular compound and is formed with at least one recess for receiving another member at a position corresponding to a given magnetic pole, and a magnet molding received in said recess and having a stronger magnetic force than said plastic magnet, said magnet molding is produced by compression-molding a magnet compound material in a magnetic field while heating said magnet compound material at a temperature equal to or lower than a softening point of a thermoplastic resin, and said magnet compound material contains, in addition to magnetic powder and fine, thermoplastic resin grains that are major components, at least one of a pigment and a charge control agent.

31. In an image forming apparatus comprising a magnet roller for development, said magnet roller comprises a roller, which comprises a plastic magnet containing

magnetic powder dispersed in a high-molecular compound and is formed with at least one recess for receiving another member at a position corresponding to a given magnetic pole, and a magnet molding received in said recess and having a stronger magnetic force than said plastic magnet, said magnet molding is produced by compression-molding a magnet compound material in a magnetic field while heating said magnet compound material at a temperature equal to or lower than a softening point of a thermoplastic resin, and said magnet compound material contains, in addition to magnetic powder and fine, thermoplastic resin grains that are major components, at least one of a pigment and a charge control agent.